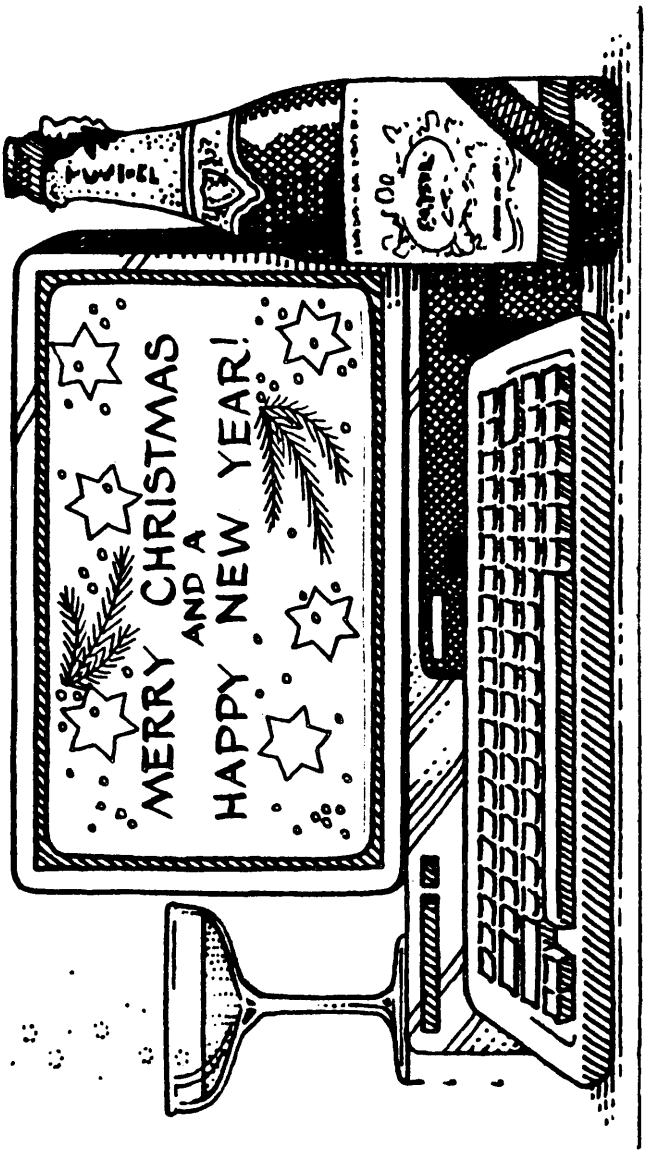
DECEMBER 1983 - VOLUME I, ISSUE #8
BAY AREA MICRO DECISION USERS ASSOCIATION

B.A.M.D.U.A.



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BAY AREA MICRO DECISION USERS ASSOCIATION
A Morrow computer users' group

Monthly newsletter, Vol. 1, issue 8, December 1983

BAMDUA, P.O. Box 5152, Berkeley, CA 94705
(415) 658-0152

BAMDUA meetings are held every last Tuesday of the month, and are open to all who are interested in Morrow's Micro Decision computers and CP/M. Membership fee is currently $12 per year and includes a subscription to our monthly newsletter. Anyone can apply for membership at the meeting. To get information and membership application forms mailed to you please send BAMDUA a self-addressed stamped envelope.

+++ Next meeting: +++

WHEN: Tuesday, 27th December 1983, 7:30 PM
WHERE: West Branch Berkeley Public Library
1125 University Ave., (near San Pablo Ave)
GUESTS: Marjorie Linda, Computer Solutions Group
Camilla Barry, Sunbear Systems of S.F.
Royal Farros, T/Maker Company

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The first part of the meeting will deal with business items. If you have news, an interesting rumour, an idea, an opinion or a burning question that you feel the whole group should be aware of, raise your hand.

NEW PROCEDURE: If you plan on buying BAMDUA Library diskettes at this meeting, you should **at the beginning of the meeting** give your check to Pat Spears at the Library table. Note clearly the volumes you want to buy on the check. During the meeting all the Library orders will be prepared by the Library distribution team. At the end of the meeting you can then pick your order up. It will go much faster this way.

About the speakers: Marjorie Linda is an educator by profession and will speak on her teaching philosophy in computer training. Camilla Barry works with Sunbear Systems, a San Francisco software house, that specializes in billing systems for professionals. Royal Farros from the T/Maker Company will talk on the significance of integrated software systems for your micro, the new "in" thing.

During the last half hour, small interest groups will discuss issues of special interest. This is your chance to make valuable connections and share information person to person. If you ordered Library diskettes this is the time to pick them up. Membership application forms will be available.

MORE ABOUT OUR DECEMBER SPEAKERS

Connie Pechak and Majorie Linda co-teach a course in WordStar (WS) by MicroPro Inc.

Connie brings a high level of expertise in WS to the team. From 1980-1982 Connie was Project Leader for the WS Group in the Technical Communications Department for the WS Group in the Technical Communications Department at MicroPro International. She has trained extensively on WS as part of her work with MicroPro and as a free-lance trainer.

Majorie brings a strong background in the field of Education. Her Master's Degree at U.C. Berkeley was focused on how adults learn mathematical and scientific concepts in the field of computer literacy. Her area of expertise is the computer-novice adult learner. She has experience in the computer industry as office manager of Berkeley Computer, as founder of Computer Solutions Group (C.S.G.) and as sole proprietor of MicroPotentials in Berkeley, California.

Connie and Majorie are currently under contract with Learning Methods of San Jose for development of an 8-hour introductory course in WS. They also co-teach WS, MailMerge, SpellStar, InfoStar, and StarBurst on a contract basis to businesses around the Bay Area.

They say, "Our approach is flexible and we concentrate on presenting information so the learner can quickly make the transition from typewriter to word processor...

"Our teaching style is highly individualized. We know that a business has specific tasks it intends to do with WS, and that people using the word processor need to learn how to immediately do these tasks..."

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THE DEC PROFESSIONAL, NOVEMBER 1983

MINUTES OF NOVEMBER 29, 1983

(Held at the Science Life Building of the University of San Francisco. Thanks to those members who made it possible and to the University who provided the refreshments!)

HOUSEKEEPING AGENDA ITEMS

1. Sypko Andreae, president of BAMDUA, gave us a preview of things to come. The speaker for our January 31 meeting will be George Morrow himself. The event is being co-sponsored by the Diablo Valley User's Group and (some) organizational assistance is being provided by Morrow. Since we anticipate gaggles of people, we've rented the Berkeley Florence Schwimley Theater located at 1900 Allston Way. (Berkeley High School Auditorium.) There will be an admission fee to help cover costs. We need people to help with ticket sales, leaflet production, mailings, ushering, etc. Please call BAMDUA at 658-0152 and leave your name to help!

2. The Novice Emergency Clinic is underway. This is geared for people who need assistance learning their systems. The classes are small - usually 5 to 7 people. There's a $10 fee per person for two hours. Call BAMDUA to make your reservation.

3. And what public domain software program have you recently discovered? Write us. We'd like to run an article in each newsletter letting people know what to do with all those utility programs.

4. Our members had an opportunity to swap notes about bulk purchases. Seems like Mark James in San Francisco is **the** place to buy cheap diskettes. American Ink Products which advertises in our newsletter got an enthusiastic vote for reliability, price, and general good vibes. The word is to stay away from Sunset Computers on Irving Street - they don't know what they're doing, and their "classes are a bummer." On the other hand, Intellitronics on Lombard Street got several "yea" votes. **Write and give us the dirt about suppliers and/or dealer experiences. If we get enough information, we'll run a regular column in the newsletter.**

5. Members suggested that our Network for Mutual Assistance might be improved if we listed the individuals by the program they feel most confident to discuss.

6. More than 75 people have decided to go in on our UNIFORM bulk purchase deal. (See the UNIFORM article, this issue, for more details.) If you have money left over from Christmas shopping, you may still be able to join. Call BAMDUA.

GUEST SPEAKER - GEORGE WOO, PROFESSOR AT SAN FRANCISCO STATE UNIVERSITY

"THE SECRETS OF WORDSTAR"

7. George Woo discussed & answered some of the most frequently asked questions about WordStar:

   o Can you recover a lost file?
   o Can you speed WordStar up?
   o Can I print proportionally?

   For the content of his talk see THE SECRETS OF WORDSTAR article in this newsletter.

-- Lenore Weiss

*****

THE SECRETS OF WORDSTAR

By George K. Woo

Everyone who uses Wordstar must have encountered at one time or another the experience of losing a file. When the BDOS or disk full message comes on the monitor, you will wish that there must be a way to recover the file. Here is how you do it:

Recovering a File Using DDT

1. Don't turn off the power, as long as the power is continued on, the file is still in the computer memory.

2. Press return until you see the CP/M prompt, then call up DDT. If you don't have DDT on file, put in the CP/M master that has the DDT.COM. I recommend strongly that you put DDT.COM into your Wordstar disk so the recover procedure can be operated without swapping disks. Type DDT after the CP/M prompt to call on DDT.

3. Once the DDT is loaded, you will see the DDT prompt which is a '-'. You type D7849 and press return. You will see the binary representation of your 'lost' file on the left side of the monitor, and the text on the right side.

   Wordstar uses memory area from 7849H to BAFFH (the H at the end is to tell you this is Hex system; do not type it as part of the memory number) as buffer to work on text file. You have approximately 17k of working space in the buffer for text; therefore, you can recover about the same amount of text; anyone who uses the Wordstar to write 17k of text without saving any part of it should have their head examined.

4. Type M7849,BAFF,100 to move the whole buffer. This will move the text memory to memory address 100H which is the beginning of CP/M transient program usage. You have now recovered the file to the

memory area that you can save to the disk for any normal future work.

5. Check the file by typing D100, and you should now see the text listing, type more Ds until you see the end of your text file. Write down the first two digits of the number on the left side of your monitor where the text ends. Convert this two number from hexadecimal to decimal value, (e.g., if the hex is 31, 22 in hex is 34). This decimal value is the 'page' number that you will save.

6. To save the recovered file onto a disk, type GO (or Ctrl-C) and return; you should then be back to CP/M system prompt.

   Type SAVE 'page number' FILE NAME (e.g., SAVE 31 B:RECOVER.TXT); you may use the standard disk drive and extension for file name. Wait until the CP/M prompt comes on; type DIR and you will see that you now have a new file on the disk.

7. You can now use Wordstar to call on the file, check to see if you need to clean up any unwanted characters. That's it.

This information is for Wordstar 3.0 in Apple CP/M format. If you are using another version of Wordstar or another computer, the steps are the same, but you may have to experiment to find the exact location of the buffer memory. Editorial Note: Sad to say, I had to use DDT to recover lost files during preparation of this newsletter. It works!

Making WordStar Run Quicker Using DDT

1. You can "customize" WordStar by using DDT. Here's how. If you've got DDT on your A drive preferably on your WordStar program diskette, type at the sign of the prompt:

   A>**DDT WS.COM** and press the carriage return.

   (Or if you have DDT on your A drive and WS.COM on the B drive, type **A>DDT B:WS.COM.**)

2. You will be treated to a cryptic message:

   NEXT PC
   3 FOO 0100

   -

   The 0100 represents the first address where the computer starts loading WS. The - is DDT's prompt.

3. Your next task is to locate the particular address you want to change. To do that simply type **S** followed by the particular location. For example:

   -S2CF

The computer will scroll to this address quicker than you say, "hex upon all your houses." Type the new value, and press the carriage return. That's all there is.

4. Once you have completed your changes, type ^C (that is, CTRL button, C). You will return to the A> prompt.

The following is a list of address areas you can change.

NAME	ADDRESS	DEFAULT	CHANGE	RESULT
Short delay	2CF	3	0	Quicker
Medium-short delay	2D0	9	0	Quicker
Medium-long delay	2D1	19	0	Quicker
Long delay	2D2	40	2	Quicker
Redisplay delay	2D3	9	0	Quicker
Help level	360	3	1	Help level 1
Help message	361	FF	0	Message on
Insert	362	FF	0	Insert off
Left margin	37F	0	?	LM #-1
Right margin	380	40	?	RM (2 to SW - 4)
Justification	386	FF	0	Ragged right
Hyphen Help	389	FF	0	Help off
Page number	3D3	00	FF	No page no.
Non-document mode	393	00	FF	Enter N when you use WS FILENAME

How to Print Proportionally

There is an undocumented print command in WordStar that will give you proportional printing with a daisywheel printer if such a printer has proportional capability.

The command is CTRL PP. Use it as the other commands. When you want proportional printing, start the text with CTRL PP and end it with the same. The microjustification must be on (default), and you can use the dot command CW to control the type width.

You can also patch the address 07D4 from 00 to FF to alter the microjustify algorithm to put more emphasis on expanding spaces between words and less on spreading out characters within the line. I find this patch very helpful on justified printing with or without proportional print.

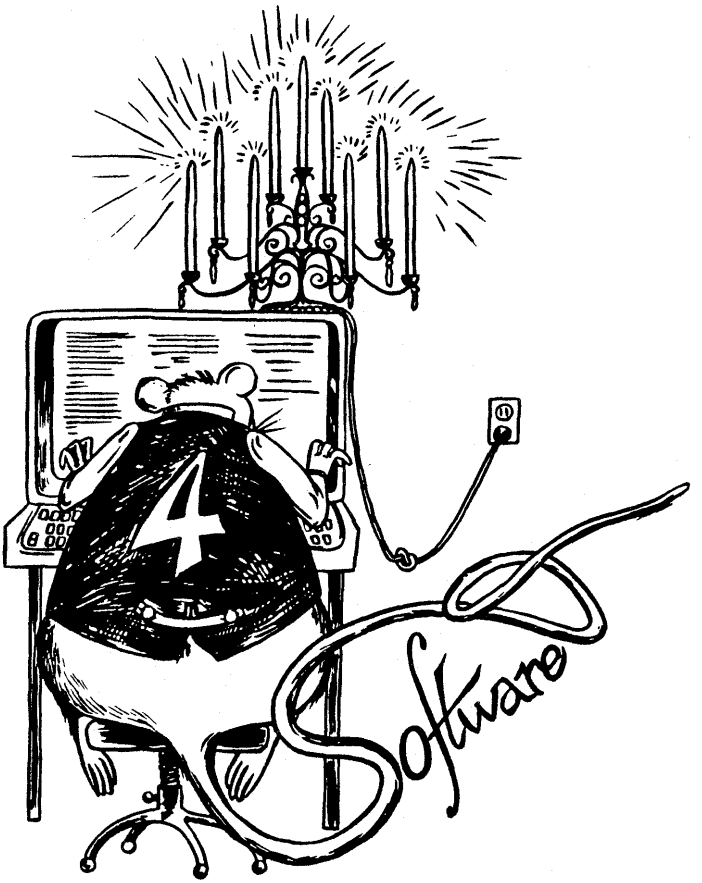
References

WordStar Installation Manuals, Morrow Designs Version, MicroPro International Corporation, San Rafael, California, 1981. Section 6, 7, 8. Appendix E, F.

WordStar Customization Notes, MicroPro International Corporation, San Rafael, California, 1980.

Emil Flock, "WordStar Made to Order," PC World, Volume 1, Number 2.

Amin R. Ismail, "WordStar Patch for the MX-80," Computer User, Dec. 1983.



RATFOR, ANYONE?

THE JANUARY 31ST MEETING

By Sypko Andreae

Our meeting in January 1984 is going to be a celebration: it will be our tenth month-a-versary, not to be overlooked in a world and in a time where many things don't last long.

We plan on having a special evening celebration. We will invite thousands of Morrow owners from the greater Bay Area. We have rented a 600 seat theater: the Berkeley Florence Schwimley Theater. The evening will be devoted to our guests: **GEORGE MORROW**, President and founder of Morrow Inc. We also have invited a computer teacher of some reknown, **Bob Krumm**, who many know from "The Computer School" in Walnut Creek.

Needless to say, this meeting will be different from our usual monthly meetings. There will be an admission charge of $3 to defray the enormous theater rental and insurance costs. Tickets will be sold at our December meeting, through the mail and -- if there are any left -- at the door. At this meeting, we'll do a minimum of business. There will be no library diskette sales.

The Volunteer Corps

Some people will get in for free and enjoy the only reserved seats in the house: our honored guests and the team members. These are the hard-working volunteers who get to prepare and run the event. They take care of ushering, ticket sales, advertising, publicity and more. It is actually a lot of fun to be on a team: you get this wonderful team-feeling; you will get to know all the interesting people and may even be introduced to George Morrow himself.

They say that if you shake George's hand, then your computer will NEVER break down. Rumour has it that the Morrow engineering department did counter this myth by stating categorically that Morrow computers never break down in the first place. But if I were you, I would make damm sure ...

In any case, if you feel you might want to be part of a team, call or write BAMDUA, but don't wait too long, because the teams are already forming. CAVEAT: Be prepared to make time-commitments and to take on some responsibility. If your time/energy availability is marginal, avoid the teams and just come and enjoy the evening.

Tables will be set up for people to gather information or to sign up as members for either BAMDUA or DVMUG (Diablo Valley Morrow Users Group) or both. The DVMUG group is so close, we decided to invite them along.

No doubt there will be hundreds of people with questions. Team members will gather written questions before and perhaps during the meeting. We also plan on inviting live questions from the audience, but the written questions will have priority. To accomodate the live questions we plan on a system with microphones in the isles, carried around by swift and sharp-eyed ushers.

MORE ON "UNIFORM"

By Sypko Andreae

The BAMDUA membership's enthusiasm for UNIFORM is still growing at a steady rate. The deadline was extended beyond Thanksgiving, because the makers of UNIFORM (Micro Solutions Inc., 125 S. Fourth Street, DeKalb, IL 60115, (815) 756-3421) encountered a few problems. These were caused by Morrow changing something on the processor board and not telling anybody. But the clever people at Micro Solutions figured it out anyway.

If you have not the foggiest what this is all about, read in the backissues about our UNIFORM deal, October (#6) page 13, November (#7) page 4.

December Delivery Date

Delivery to BAMDUA is now scheduled for just before Christmas so that you will get it just after Christmas. Sorry! The fastest way to pick up your reserved copy is to come to the Berkeley meeting on December 27th. If you cannot make it, we'll mail it to you.

Due to a flexible arrangement with the Micro Solutions people, you **can still reserve a copy and manual!** At this writing no less than 73 members have signed up for the deal and checks are still coming in. We'll probably go ahead and order 100 sets.

To keep all that money from running through the BAMDUA treasury which is somewhat odd for a non-profit, tax-exempt corporation, a small business was set up to deal with this opportunity in reasonably priced software. May we introduce you to: **Dutch Treat Computer Services**, wholly owned by your president. Assets: Zero. Long range goals: Fun.

The former, more limited version of UNIFORM ran on the Kaypro II. It consisted of two programs: INITDISK (to format a floppy in a foreign format) and SETDISK (to transform your B: drive into a foreign drive).

The new version, of which BAMDUA now has a one page information sheet, consists of one large program called UNIFORM which has an overlay. When a program has an overlay it means it is too big to fit all of itself in memory at the same time. Wordstar also works that way.

Making UNIFORM work for the Morrow posed an interesting problem. Unlike the Kaypro where the terminal is built in, you can hang almost any terminal onto the Morrow. Among the various terminals the special terminal commands you can fire off to effect certain purposes, are not identical, alas. That is why UNIFORM now needs a configurator. This configurator is of a purely general nature, that is, you need to feed it information from your terminal manual and it does not have a menu of terminals you can select from.

BAMDUA Test Site

To deal with this, Micro Solutions has elevated BAMDUA to "Test-site" status. That is not the same as being guinneapig, but it is close. What we are asked to do by Micro Solutions, is to give them feedback about how this configurating is working out. They have asked to channel this feedback through BAMDUA. Based upon our experience, Micro Solutions will then later come out with a menu driven configurator where you simply pick the name of your terminal. The whole nation, nay, the world, will profit from our pioneering efforts and we will get credit for it.

*****

SAN FRANCISCO MICRO DECISION AND CP/M USERS

This is an invitation to all BAMDUA members known to live in San Francisco: **LOCAL MEETING!** Small informal meetings are being held in San Francisco on the 1st and 3rd Thursday evening of each month starting at 7 PM .

NEXT MEETING: THURSDAY 5-JAN-84 at 7 PM
1880 PINE ST., # 401, near OCTAVIA
***** SAN FRANCISCO *****
PLEASE CALL FIRST: 776-6705.

You are the speaker as well as the listener. Bring ideas, questions, answers, programs to share and blank disks. Of course non-BAMDUA members, even non-Morrow owners of CP/M gear are quite welcome. But call first: 776-6705.

*****

THE MAILBOX

****
* BAMDUA *
* P.O. Box 5152 *
* Berkeley, CA 94805 *
****

I am writing to inform your group of the upcoming January conference on computers in art to be held at Mission College in conjunction with San Jose State University and West Valley College. CADRE (Computers in Art, Design, Research and Education) will cover such topics as interrelating sound and images with computers, the relationship between the computer and traditional art, and artificial intelligence and computer art. There will be various workshops, panels, exhibits and performances beginning on Sunday, January 8 and concluding on Wednesday, January 11. Saturday the 7th and Sunday the 8th will be open to the public at minimal charge for viewing of displays and exhibits...

CADRE is in need of competent volunteers who are acquainted with the technical aspects of computers and/or have some knowledge and access to high tech community resources. Volunteers will receive a matching number of fee-free hours at the conference in return for their hours of volunteer help.

Members of your organization interested in attending the CADRE conference may contact the CADRE office at San Jose State University, (408) 277-2555. Anyone interested in working as a volunteer, either before or during the conference, should send a brief resume of pertinent experience, and an estimate of available time to me at the address below.

Winona Avila
1739 Comstock Lane
San Jose, CA 95124

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PASS THE NOTEPAD

The following are the Pass the Notepad entries from our November meeting. Some of the questions were answered (on the pad) at the meeting. They are printed here. Let us know how this service is working.

If you have a solution to any of the following, please send it to BAMDUA, P.O. Box 5152, Berkeley, CA 94805. We will reprint it so everyone can benefit from the information. Phone numbers are included for the questionees. You may want to give a personal response.

1. Q: Has anyone installed DB II on an MD-2? **Don Cousins, 573-7492 (Foster City)**

   A: Yes. Mitch Tannenbaum, 982-8540.
   Yes. Bob Delaney, 524-6328

2. Q: Anyone working with Mailing Lists using MAILMERGE on an MD-3? Also, do you know how to use the SMARTKEY Program? **Risa Cortright, 662-2262 (Marin)**

   A: A friend did. I might be able to help. Lily, 524-4468. For SMARTKEY info, see article in Vol. #7, page 17.

3. Q: Has anyone had typesetting done from a WS file? **Sara Oechali, 527-6089**

   A: Yes. Carolyn Shaffer, 652-1498

4. Q: On one of the BAMDUA disks there is a game called ADVENTURE. How the hell do you get past the "fierce green snake?"

   A: Ah, now. Do you really want to know? You throw the bird at the snake! Lenore, 261-7492.

5. Q: How do you reduce a space between lines when you use WORDSTAR? **Ed Golod, 878-9153.**

   A: Maybe. Lily, 524-4468.

6. Q: Can QUEST somehow be run on an MD-2? Is it good enough to want to? **Bill Eggleston, 668-5533.**

7. Q: Any documentation for CIA (library diskette #7)? IS QUEST worth $40? Anyone want to tutor PERSONAL PEARL for a specific application in exchange for lunches? **Lily, 524-4468.**

8. Q: I would like to know if anyone knows of an accounting program that an accountant would use for many clients. **Norman M. Golden, 668-0530.**

9. Q: I would like to know how I can break the PERSONAL PEARL Layout Reports into neat pages. I am now lifting the cover of the MD100 printer to stop it in mid-print. **Steven Schaefer, 346-1781 (evenings) or 956-3277 (days).**

   A: Rather than printing Reports directly, output to a file first. Then print the file. Sypko, 658-0152.

10. Q: How do you combine files in WORDSTAR? **Sherry Spitzer, 665-4368. Minnie Mast, 531-3574.**

    A: Edit file A using the D command. Set the cursor where you want to insert file B. Now use CTRL KR to read file B into your current file A. Also see page 48 of INTRODUCTION TO WORDSTAR by Arthur Naiman, a handy book for all WORDSTAR functions. Sypko, 652-0152.

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11. Q: Function Keys on the ADM Terminal? **David Schnarf, 285-4258.**

    A: According to our members, the ADM function keys are just for show! Currently, they are not programmable with the Morrow system. However, there is a program called SMARTKEY which allows you to program the Function Keys of the Freedom Terminal. See BAMDUA newsletter #7, page 17. Lenore, 261-7492.

12. Q: SMARTKEY II allows redefinition of keys on the Freedom 50 terminal. Is there an equivalent program for use on the Lear-Siegler terminal? **Jeff Weissman, 482-3891.**

13. Q: Anyone know of an Electric Pencil for CP/M or Morrow? Where do I get it? **Frank Clichsh, (sp?) 527-6089.**

14. Q: What's an easy way of printing the name and address from the top of a letter onto the envelope without re-entering the data? I've tried a block copy onto page 2, pausing after page 1 to feed the envelope into the printer with marginal success. One problem is when printing a short letter with a .MT 10 or 15 or 18 command, I'm finding the dot command rolling the envelope out of the printer before printing the address! **Jeff Weissman, 482-3891.**

    An interesting problem. Why not try block copying to another file with ^KW? And then insert the proper dot commands? Or, you could create a file called 'ENVELOPE' with all the dot

commands. Use CTRL KW to move your address into the envelope file. Once the file exists, WORDSTAR will ask, 'DO YOU WANT TO OVERWRITE?' You can keep changing your envelope file. Lenore, 261-7492.

15. Q: Anyone know how I can get a PASCAL compiler cheap and effective? **Phillip Trang, 771-5626.**

    A: It might soon turn up in our software library. Else, call JRT Systems, 388-0530 in Mill Valley. $29.95 including manual. (Wait! I tried to reach them. The phone number is disconnected. Anyone know how to contact?) Sypko, 658-0152.

16. Q: Do you have a communications program to transfer files from a micro to a mini? **Chip McGann, 526-8667 or 233-1596.**

    A: Yes. REACHOUT by ACT. Carl Naegle, 66-6433.

    I have transferred ASCII files from VAX and PDP-11 using MODEM7 in "Terminal/Capture File Mode." Sypko, 658-0152.

17. Q: I have an MD-3 and use Robotic Password. Would you please show me how to use it with MODEM7? **Phillip Tranq, 771-5626.**

    A: Bob Spotorno, 586-6280, might be able to help.

18. Q: Will disk controller on MD-2 handle DSDD disk drive? Ted **Eberly, 589-1141.**

    A: No, you cannot write double sided on the MD-2. Reason: the second head to write on the second side is not there. Sorry. Sypko, 658-0152.

19. Q: Where and how is the disk track step time stored in the BIOS? **Mike Ferrel, 234-9022.**

    A: We'll try to find out from Morrow. Lenore, 261-7492.

20. Q: I'd like to talk with someone who has had experience with programming in PILOT.

    A: Call Len Edmondson at 430-1970 (days) and see if he can put you in touch with some people. Lenore, 261-7492.

21. Q: I really need someone to help me get into PERSONAL PEARL to set up a mailing list. Preferably in Marin County. **Susan Miller (Mill Valley), 383-6276.**

    A: I'm not in Mill Valley, but I can help. Tom Palmer, 881-3433 (days); 934-6059 (evenings).

    I'm also not in Marin, but willing to help. Kathy Uhl, 751-8765 (days).

    I'm from Marin, but don't know anything about PERSONAL PEARL. Carl Naegle, 664-6433.

I was born in Virginia. Will that do?

22. Q: How can I save the results of a program I run if no provision for saving is built in? **Wendell Wood, (408) 266-0176.**

    A: What program? WS? LOGICALC? MBASIC? Generally, you should use a file to save the results. Sypko, 658-0152.

23. Q: Is there a way to"call up" a directory of the unlogged disk while on WORDSTAR without backing out into CP/M? **Chuck Quibell, (707) 664-2189.**

    A: Make B the logged drive. Run WS on"A". Then you automatically get a directory of B and all data goes to B. (Unsigned.)

24. Q: Is it possible to place 2 (or more) columns side by side which are micro-justified. I can do it justified by using the CTRL KV command, but not micro-justified. **Pete Campbell, 525-7464.**

    A: Use CTRL N. It's on WS menu. (Unsigned.)

25. Q: Is there a way to have whatever is being typed into the computer printed at the same time? (I have not been able to get CP/M's CTRL P to do do when working in WORDSTAR or MBASIC.) Also, how can I have my MBASIC program printed out? **Steve Rogers, 435-4498.**

    A: You would have to patch the BIOS to have your computer and printer on the same wave length. Printing an MBASIC program is called listing. You list your MBASIC program with the command LLIST. See page 2-46 in the MBASIC manual. Sypko, 658-0152.

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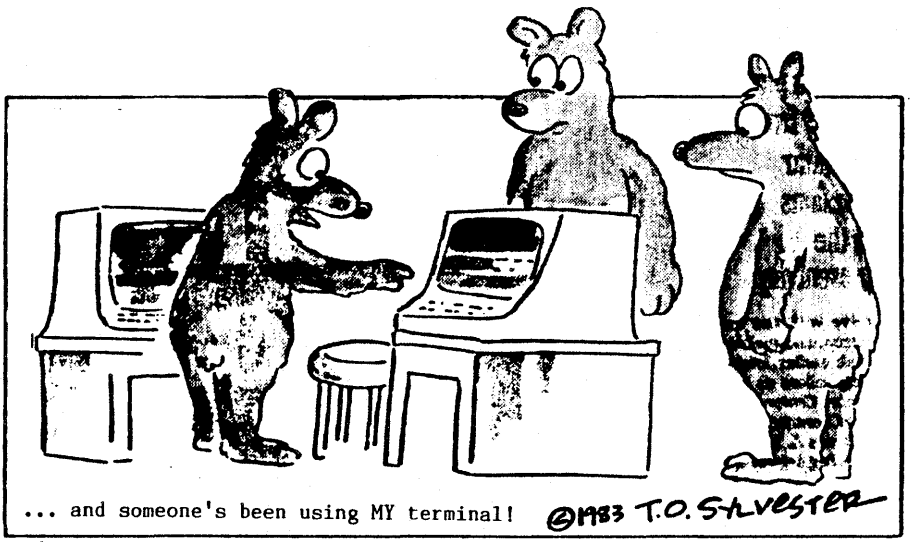

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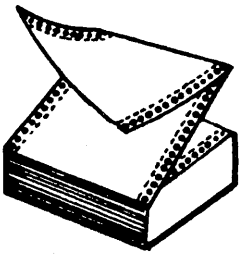

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HOW DO I USE MY MORROW? LET ME COUNT THE WAYS...

By Bruce Hilton

When you've hocked the Toyota and signed up for three years of payments to buy a Morrow, you try to get your money's worth . My MD-2, in an upstairs office in the Albany United Methodist Church, is probably not the busiest one around, but it does get used, and in a variety of ways. Here are some:

NEWSLETTER: I publish the national Bioethics Letter, about the ethical and legal issues in medicine and biology. I was really getting tired of re-typing the four pages of single-spaced copy three or four times every month. WORDSTAR and the Daisywriter 2000 give me perfect copy for the printer, no matter how many revisions.

MAILING: PERSONAL PEARL keeps data on our subscribers and prints it out as labels or invoices.

DATABANKS: The Signalman VII modem and "Modem7" on the BAMDUA library disk keep us in touch with information banks, including Source, Compuserve, and Knowledge Index. KI can search 3,200 medical magazines by key word or phrase. We can do the same with five top newspapers, 470 magazines, and a law library. For the Bioethics Letter, this saves days of drudgery every month in medical and law libraries.

DEADLINES: I write a weekly medical column, and use the modem to zap the columns directly into the client newspapers' computers across the country. It's more current than the mail would allow, and the clients appreciate saving the cost of keyboarding it themselves.

CHURCH: I'm the husband of Rev. Virginia Hilton, pastor of the Albany church, and I help pay my office rent by doing the camera copy for the church's monthly newsletter on the Daisywriter. And we keep the church membership list on PERSONAL PEARL producing mailing labels, camera copy for a church directory, and a list of the month's birthdays. The first time we used the database, though, Pearl would give up only 87 names out of 160 I'd typed in -- while a crew of envelope-stuffers waited in vain downstairs.

SCHOOL: Son Paul, a freshman at S.F. State, writes his term papers on the Morrow, and doesn't have to sweat out the spacing for footnotes the way you and I did. A professional disk jockey for parties and dances, he also uses Pearl to keep track of his library of records.

WRITING: Son Tom, a 1983 college graduate in creative writing, is finishing his detective novel on our Morrow. Fortunately, his hours with the muse -- around 11:30 pm to 3 am -- don't conflict much with the others'.

CREATING: Although I've always maintained that a committee can't write a readable paragraph, the computer can let two or three people put their best ideas together in a document; I've done this with several clients who wanted help writing advertising or promotion copy for their businesses. We could brainstorm, suggest, cut, revise, and see how our efforts looked -- all without fixing the product in

stone (or giving all the power to the person taking the notes.)

JAZZ: Would you believe Morrow helps in playing the tuba and leading a New Orleans jazz band? Correspondence on gigs, updated schedules for band members, playlists and copies of lyrics all come rolling off the Daisywriter.

ARTICLES: The BAMDUA editor asked me to write this article. It's a stormy night, but as soon as I get this last sentence done, I'll fire up the modem and send the file down the phone wire to Oakland -- proving one last time the practical value of my Morrow.

Editorial Note: Let us know what's cooking over at your place!

*****

THE BIG SWEEP

By Lenore Weiss

If you're anything like me, after I buy my new public domain disk at our BAMDUA meetings, I bring it home and put it away in its white jacket. A few months later, it may surface again when I wonder exactly what it contains. I try at this point to "skim" the contents of my diskette. But it doesn't work, largely because I haven't got the foggiest notion what I'd do with a particular utility. After boldly typing the name of the COM file, I draw a blank. O.K. Now what?

Well, I've made a big discovery. It's called SWEEP. SWEEP.COM is on Public Domain Disk #2. It's is a handy way of transferring a large group of files at one time from one disk to another. It's got more flexibility than CP/M's PIP, and 15 clear and functional menu choices.

SWEEP Menu Choices

Here's what SWEEP's menu choices look like:

```
A:   Again.  Retag # files.
B:   Backup to last file.
C:   Copy file with optional verify
D:   Delete file.
E:   Erase all tagged/untagged files.
L:   Login new disk and user reset system.
M:   Mass copy of tagged files with optional verify.
R:   Rename file(s).
S:   Space remaining on disk.
T:   Tag file for transfer.
U:   Untag a file.
V:   View a file at console.
X:   Exit to CP/M.
?:   Redisplay menu.
sp or cr  Next file
```

Now the story about how I discovered SWEEP (and what it's good for.)

Several newsletter issues ago I was at Sypko Andreae's house. We were putting the newsletter "to bed." Trouble was, I had a disk filled with newsletter articles and so did Sypko. We wanted to create One Nice Big diskette of newsletter articles so we could run it off on the printer without our mutual backup files hogging up space.

Another thing was that we had placed some of the articles on hold for another time. So although all the articles on my diskette had an "ART" extension (natch, for article), we couldn't use the wildcard (*) in PIP to swing them over to Sypko's diskette. And typing each of their individual names as PIP meanders through its asterisks is a total drag.

So here's what we did. Sypko brightly said, "Oh, let's use SWEEP!" I said, "Use what?" I now stand the wiser.

The Big Sweep

This is what happened. Logged into the B drive we typed:

B>**A:SWEEP**

So invoked, SWEEP will list all the files which live on your B drive.

SWEEP then allows you to "tag" them with a "t." You just go down your directory and mark any file you want transferred with a "t." This is actually the "T" menu selection. Press return after each selection to move to the next file listed in your directory. You'll probably want to skip over your BAK files.

After you finish marking all your files, you can view them again to see that you did good. Keep pressing the carriage return. This time, your tagged files will appear with a pound sign (#).

If your hands are a bit nervous first time at bat and you accidentally tag a file, you can easily fix this up. Second time round your file directory, just press "U" for untag a file.

Then, once you give the command, you can move all your tagged files over to another drive and diskette of your choice. All you have to do is to choose the "M" option on the menu for "Mass Transfer." (Sounds like a Punk Rock Group.)

This is what will happen. You type M. SWEEP will ask:

To drive and user (and v to verify)

SWEEP will wait for you to specify the drive and even user area, if you're lucky enough to have this feature. (Most hard disks do. So does CP/M 2.2, but they're not visible to the user.)

Say you want the files transferred to your C (virtual) drive. All you have to do is type C (a colon is not required) followed by a space and then V for verify. This is how it would look:

To drive and user (and v to verify) **C V**

To move a group of files to user area 3 you'd type:

C3 V

That's it! SWEEP documentation is also included on Public Domain Disk #6. It's called SWEEP-37.DOC.

*****

GOING ONLINE WITH THE WORLD

I've been considering buying a modem, but I haven't been sure what I'd do with it once installed. Happily, there's a great book that gives me 1,000 plus ideas. For others who are also researching data bases, you might consider a copy. It's called:

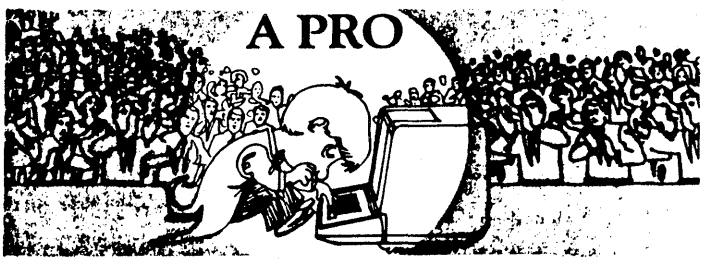
THE COMPLETE HANDBOOK OF PERSONAL COMPUTER COMMUNICATIONS: Everything You Need To Go Online With The World. The author is Alfred Glossbrenner, St. Martin's Press, $14.95.

Glossbrenner provides a guided tour into the electronic universe of THE SOURCE, COMPUSERVE and other not-so-well-known services as DIALOG, BRS and ORBIT. He discusses how to use Computer Bulletin Board Systems (free for the ASCII-ing) and tells you what to look for in a modem. Plus, there are online tips throughout the book in easily referenced boxes.

Once through the book you can consider yourself an electronic data base afficionado, rubbing 300 or 1200 baud with the best of them. You might want to scroll through a copy at your friendly bookstore.

-- Lenore Weiss

*****



IS BORN

REMOTE CP/M SYSTEMS IN NORTH CALIFORNIA

If you have a modem try exploring the many RCPM's available in the Bay Area. The following is a list abstracted from the file RCPM41.LST, which in turn was received from the Marin RCPM:

>>> Remote CP/M Software Exchange Systems List # 41 <<<
>>> 09/15/83 revision by Kim Levitt <<<

A summary of all operating Remote CP/M software exchange systems which use Christensen protocol, (XMODEM), for file transfers and are available to the general public for the exchange of public domain software.

==========
Send update information to:

Kim Levitt - HOLLYWOOD RCPM/RBBS - (213) 653-6398
[Leave msg on RBBS and/or upload file using XMODEM.]
or
Jud Newell - TORONTO RCP/M SYSTEM ONE - (416) 232-0442
[Leave comments on exiting system.]

(See file RCPM-SYS.OPS on most RCP/M Systems for required information.)

==========
CODE KEY:

Unless otherwise indicated, all systems are up 24 Hours a day, seven days a week with no callback. (Hours listed after sysop name(s), all times listed are local time.) (Callback systems are indicated with a "cb" directly before the system phone number.)

Alternate Long Distance Services: (shown after phone number)
I=ITT / M=MCI / S=Sprint / W=Western Union

Baud Rates: (shown after sysop name(s) or hours) (PMMI=1-7)
1=110 / 3=300 / 4=450 / 6=600 / 7=710
B=Bell 212A 1200 / V=Vadic 1200

Disk Capacity: (total disk space shown after baud rates)
K=Kilobytes / M=Megabytes

(See notes at end of list for more information)

==========
CALIFORNIA

[Northern California]
OxGate-005 Fresno Micro Fone ..... (209) 227-2083 IMSW
Bob Robesky; M-F 7P-7A, wknd 24 hrs; (3BV;22M); Standard and new CP/M 80/86, MP/M 8-16, 'C', dBASE II, etc.
San Jose DataTech Node 007 / Piconet Node 003 ..... (408) 238-9621 IMSW
Al Mehr; (3B;20M); ZCPR2, CP/MUG, SIG/M software
Oxgate-002 RCP/M Milpitas ..... (408) 263-2588 IMSW
Mel Cruts; (system hrs may be erratic due to heat); (1-7;12M); (south SF bay area)

PicoNet #4 Wizard's Keep RBBS-RCP/M ..... (408) 281-7059 IMSW
Rick Hobbs; (3;20M); Will answer technical questions on Osborne 1; (San Jose)

OxGate-008 Monte Sereno, Ca ..... (408) 354-5934 IMSW
Chuck Metz & Paul Traina; (1-7;20M) (On line August 1/83) (San Jose Area)

OxGate-012 San Jose, Ca ..... (408) 378-7474 IMSW
Wayne Masters; (1-7;2M)

OxGate-dBASE II RCP/M Campbell, Ca. ..... (408) 378-8733 IMSW
Roger D. Brown; (3B;4M); dBASE II is available on this system to demonstrate software from independent software developers. System will soon be converting from OxGate to a BBS written in dBASE II. (San Jose area)

Skyhouse Systems ..... (408) 578-6185 IMSW
Kirk De Haan; (3B;10M); We Skydive!; (San Jose)

Oracle-003: "BAYLIST" System ..... cb (408) 730-8733 IMSW
Eric Sarti; (3;256k); Bay Area BBS List HQ, many programs are available by request; (south SF bay area)

Oracle-001: Network Headquarters ..... (408) 732-9190 IMSW
Ed Svoboda; (3;11M); Apple and Std CPM. This system distributes the Oracle BBS software, written by the SYSOP. Leave a message for more information; (south SF bay area)

OxGate-001 Saratoga ..... (408) 867-1243 IMSW
Paul Traina; (3BV;2.4M); (scheduled to go down Aug 1/83 anb be replaced by OxGate 008) (south SF bay area)

CrosNest II (DataTech Node 014) ..... (415) 341-9336 IMSW
Wilbur H. Smith; (3;2.8M); (Box 962, San Mateo, Ca. 94403) CDOS, CP/M hardware/software tipes/bulletins/educational utilities and communications software (SF Bay area)

RBBS of Marin County ..... (415) 383-0473 IMSW
Jim Ayers; M-F 5P-8:30A, wknd 24 hrs; (1-7;10M); Now up with 10 meg drives A:-E:, user areas 1-2 w/ SIGM and CP/MUG pgms; (SF bay area)

Rich & Famous RCP/M ..... (415) 552-9968 IMSW
Stephen Price, Ralph Nishimi; (3;760K); games, communications; RCPM sysops desiring access to special SYSOPS-only BBS should leave a msg on this system with your system's name, sysop name, hours of operation, phone number and desired password. Sysop will verify with msg on your system; (San Francisco)

DataTech Network Headquarters System ..... (415) 595-0541 IMSW
Edward Huang; (3BV;1M); (Box 290, San Carlos, CA 94070) Hub of DataTech Network. Heath/Zenith/TRS-80, utilities and communications software. (SF Bay Area)

Napa Valley RBBS/RCPM ..... (707) 257-6502 W
Dave Austin; (1-7;1,2M); Features: Apple, Atari, Compupro, Morrows, Osborne, TRS, CP/M software; interest in BDS/Aztec C, dBase II, Ham Radio; (Napa)

======
NOTES:

1. Call-back systems are those where a computer and real people share the same telephone line. To contact the people, just dial & let the phone ring until you get an answer. To contact the computer: (1) dial, (2) let the phone ring once, (3) hang up just before the 2nd ring, &

(4) re-dial.

2. Note that the 212A/Vadic 1200 baud modems may not be compatable with yours. Most of the above systems are using Vadic 3451 Triple modems, compatable with both Bell and Vadic Standard. Sign on the first time at 300 baud to determine the system capabilities. Note also that PMMI's can sometimes be used over 300 baud with 1200 baud systems. PMMI baud rates are: 110, 300, 450, 600, 710 and are indicated above as "1-7".

3. Whether a program exchange system is accessible by an alternative long-distance service should be considered when planning to modem over long programs. Charges on ITT Longer Distance, MCI, Sprint and Western Union Metrofone are 50-60% of Ma Bell's regular long distance rates. (Note, however, that you might sometimes have trouble going 1200 baud.)

Using the new SPRINT "Universal Service" (avail. in certain areas only), you can call anywhere in U.S., (including Alaska, Hawaii, Puerto Rico and the Virgin Islands). Cities on Sprint network are cheaper, but non-network cities can be called at a rate cheaper than Ma Bell. (Numbers shown with an "S" indicates number is on SPRINT network.)

Western Union METROPHONE service will call anywhere in the continental United States, (not Alaska, Hawaii, PR or VI).

4. Total on-line disk capacity is shown for reference. Check the system documentation for exact details when logging on.

5. All times listed are local time, please observe operating hours for systems with scheduled availability.

HEY! You can still join in this fantastic deal. Already 80 of us have signed up. So we thought we would order a cool 100 sets of UNIFORM copies plus manual. The deadline to join the deal is now extended

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indefinetly and we'll honor orders until the supply runs out. This is only a once-only deal. You'll have to be a member to participate. To reserve a copy send $30 to BAMDUA. We expect to distribute reserved copies at the December 27th meeting.

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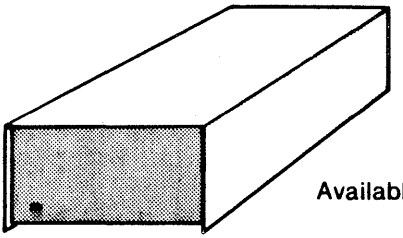

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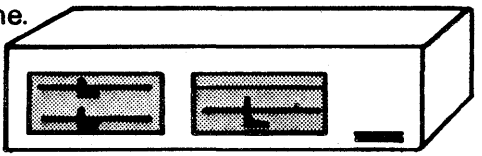

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LOST YOUR FILE? FORGOT ITS NAME??

By Sypko Andreae

This is the sad story of a double loss, the struggle of retrieval, and a very happy ending. My friend Alexander, a BAMDUA member in good standing, called me one day. He was close to tears. Not only had he royally screwed up and deleted his most precious file, but in an utter panic, he had forgot the name of the file. This double loss was almost too much for him.

It took many minutes of precious BAMDUA time to calm him down and convince Alexander that not all was lost. "REALLY???", he blubbered from the other side.

"Yes, all is not lost," I said, provided you have not done anything with the floppy after your disaster."

"I promise I didn't, really, believe me!" Alexander almost sounded as if he were pleading.

"Calm down, Alexander", said I, "Now get a grip on yourself!" Silence on the other end. I then explained in an as gentle and calming tone of voice as I could muster that we had to retrieve the lost file name first.

"Will you need to hypnotize me?" Alexander quavered. I assured him there would be no need. Instead I proposed the execution of the famous program

*** DU ***

in order to look through the whole directory area of the disk, because if you erase or delete a file then the file is not really gone at all! Not even the directory entry is gone, but it is changed slightly.

"But, but if I do DIR or XDIR or SD-44 or DIR22 I don't see my file at all ... it's gone ... probably forever ... ", said Alexander.

"Listen, Alexander, what DIR and all its friends tell you is in fact a sham. I told you, even the directory entry is still intact **except for one thing: The very first byte of the directory entry is changed from "00" to "E5"** as the utility "DU" will show you. (See article on DU in Volume # 7 page 23.)

"This E5 byte is used as a flag for CP/M and friends to indicate that this file is now **marked for delete.** This means that the valuable real estate on the disk which is occupied by the file and its directory entry is now up for grabs. It can be recycled for use by CP/M and friends to create a new file. That is why I asked you: 'Did you do anything with the disk after the disaster?.' If you had asked CP/M and friends to create some new file, that new file may have grabbed your precious file's directory entry space plus a chunk of your precious file space. Then, and only then would your file be lost for ever and ever."

"Really??", gasped Alexander. I could hear he was breathing normally again.

Then I patiently explained how to look through the directory with "DU" (which, by the way, the reader will find on Volume # 2 of the Library). While browsing through the directory area I heard Alexander's yelps of delight when he encountered ghostly filenames of files deleted long ago, all marked for delete with "E5" in the first byte.

Then Alexander shouted: "Here it is! Now I remember, it was "LOVELETR.ANN". Look there it really is!" I heard Alexander sobbing for joy.

"Can I wipe out that "E5" byte now?"

"No! Wait, wait!", I said, knowing how dangerous "DU" can be for the health of a disk, especially under the control of someone with Alexander's modest skills. I then introduced him to an other public domain program by the name of

*** UNERA ***

the famous "UNERASE" utility, which the attentive reader will know is on Volume # 1 of our library. Alexander got UNERA on disk A: while his lost file was on disk B:. Then all we did was:

A>**UNERA B:LOVELETR.ANN**

which resulted in a short and polite message from UNERA that all was well again. To be sure, Alexander checked with DIR and XDIR and SD-44 and DIR22 and yes! Every time his previously lost file showed up. Alexander was very very happy, and a wiser man to boot ...

*****

NEWS FLASH! LATE LIBRARY NEWS!

Our Librarian Marvin Winzenread just called before this news letter goes to press. **Great news: We have four new volumes! THANK YOU** to the dedicated contributors who made Volume # 8, 9, 10 and 11 a living reality! The contributors are Richard Waite, Steve Wartofsky and Dan Robinson. Also **THANK YOU** to all ye members of the first, second and third copy team! Good work all of you.

We missed the proper Volume numbering in our exciting phone conversation with our librarian, but, roughly, this is what you can find on the three diskettes:

Introducing the New Utilities

One diskette has TTYPE on it, an extensive MBASIC program that teaches you to TOUCH TYPE. Associated with it are a whole bundle of files. Marvin had to slightly modify the code to make it work properly, but now it is OK. It was made in Australia and was handed down via many

RCPM's. On the way people modified it slightly. Why is not clear. It may just be people trying to compensate for the Aussie accent.

The same diskette contains MODEM7+, one of the fancier members of the MODEM7 family of programs. It allows you to change baud rates, numbers of bits, odd or even parity, etc. If you don't need to do anything out of the ordinary, just use the old MODEM7 (MD or MDM7UDEC on your previous library volumes). Lastly, there is a very useful text file called RCPM41.LST, which is the September update of information on RCPM's and CBBS's nation wide. For you newcomers: RCPM stands for Remote CP/M System and CBBS is a Computerized Bulletin Board System. See back issues of this newsletter.

Another disk has a version of FIGFORTH with a reputedly working editor. Also wonderful languages like PISTOL and XLISP that can help you produce farfetching computer magic. Oh, you Computer Sorcerer's Apprentices, do be careful ...

The last diskette has some interesting games on it written in MBASIC and having to do with sea battles and submarines. Your kids will love it, and maybe you will too.

Printed Index Will Become Available

There is more. Ask the librarian at the meeting. If BAMDUA can muster the volunteer energy we may see a printed index of these three diskettes at the next meeting in Berkeley. Otherwise, check the concise index on the diskette itself (-BAMDUA.008, 9, 10 and 11).

Please read the Library article on page 31 of the November issue #7 and its attended **DISCLAIMER**. In short: "You pays your money and takes your chances."

These three new volumes will be distributed first at the Berkeley December 27th meeting ($5) and then through the mail ($7). Remember the **NEW PROCEDURE** for buying library diskettes: At the beginnig of the meeting give your check to Pat Spears, pick up your order at the end of the meeting.

*****

ALL THAT'S CLASSIFIED

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BAMDUA needs help in two crucial area's: ACCOUNTING and ADVERTISING. Of course we do the best we can, but we are clearly amateurs. Any of you professionals out there give us a hand? What we mainly need is advice about how to do things properly. Drop BAMDUA a note or give us a call to offer your assistance. Then we'll make an appointment. Thanks.

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Do you have a spare terminal for sale? **Chip McGann, 526-8667 or 233-1596.**

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For sale. Morrow Computer. Hardware does not include keyboard and terminal. Double-sided software with all original operating manuals. WORDSTAR, PERSONAL PEARL, LOGICALC, etc. **Please call Ray Lagomarsino or Jennifer LeDuc at 573-6363 for more information.**

==========
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I'm looking for a business partner, investor, etc. for help in developing and marketing alternative keyboards. **Dan Robinson, 776-6705.**

==========
==========

I am experienced in marketing consumer electronics. I'd like to talk to you without a commitment. **Deby Novitz, 232-9805.**

==========

POWER! TO THE PEOPLE!. Another good software deal is shaping up for BAMDUA members. **POWER!** is a program containing 55 utilities for file maintenance and much more. Really easy to use and much more versatile and complete than SWEEP. Mitch Tannenbaum is going to organize the deal. If you are interested send your S.A.S.E. to Mitch Tannenbaum, 126 Post street, 6th floor, San Francisco, CA 94108. He will then send you a brochure with all the info you need to get interested.

==========
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NOVICE EMERGENCY CLINIC: For the frustrated beginner who needs a few pointers and encouragement. Once-only classes in Berkeley. $10 per person per 2 hour class. Small: 5-7 people. Next class last week December or early January. Send $10 to BAMDUA to resrve a space.

++

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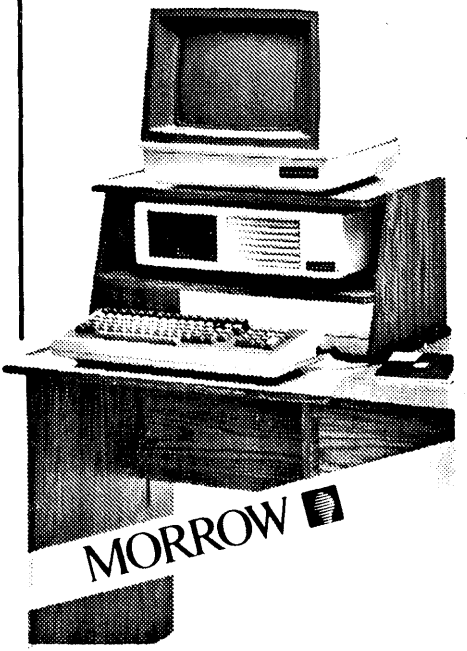

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LET'S GIVE CREDIT WHERE CREDIT IS DUE

Apologies to several writers who contributed articles to the last newsletter. They were not identified.

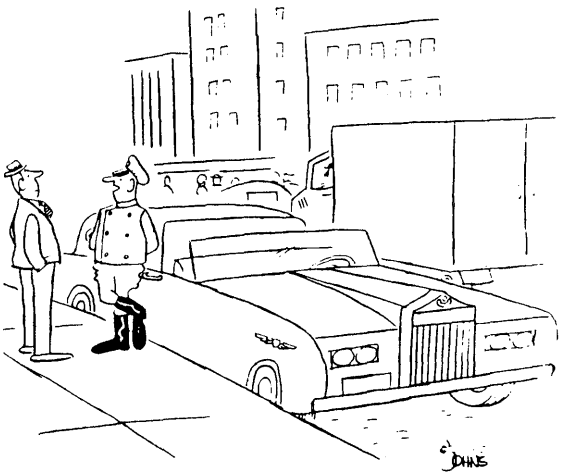
William Rodarmor sent us in FEEDBACK ON THE OCTOBER BAMDUA NEWSLETTER which appeared on page 7 of our November issue.

Michael Hallett sent us his MINI REVIEW OF SMARTKEY II which appeared on page 17. Many members have benefited by Michael's experience with redefining function keys on the Freedom Terminal.

Finally, Sypko Andreae authored the piece, NOVICE TIPS ON THE DISK UTILITY "DU," one of the first in a series of articles on library software.

Thanks to you all.

*****



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THE DEC PROFESSIONAL. NOVEMBER 1983

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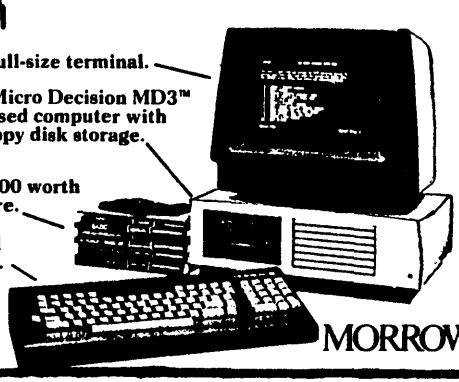

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